

## M 5.5, 13 km S of Marmaris, Turkey

Origin Time: 2020-06-28 17:43:28 UTC (Sun 20:43:28 local)

Location: 36.7307° N 28.2514° E Depth: 62.3 km

Created: 2 hours, 2 minutes after earthquake

### Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



### Estimated Economic Losses

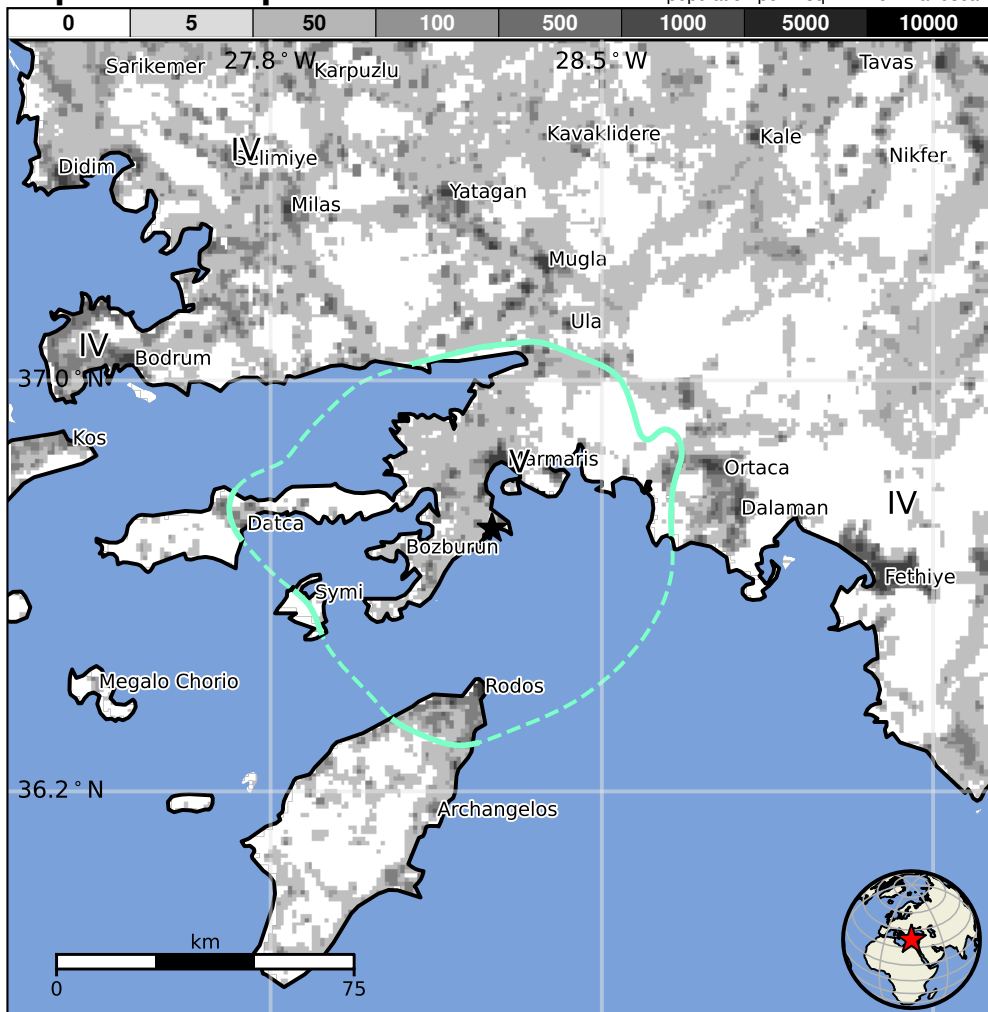


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	—*	1,100k*	275k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

## Population Exposure



## Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are adobe block and dressed stone/block masonry construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2002-01-21	213	4.8	VI(97k)	1
1974-02-01	219	5.4	VII(2k)	2
1970-03-28	294	6.9	IX(66k)	1k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

## Selected City Exposure

from GeoNames.org

MMI	City	Population
V	Marmaris	34k
V	Bozburun	<1k
V	Rodos	56k
V	Ialysos	11k
V	Kremasti	5k
V	Datca	10k
IV	Mugla	48k
IV	Milas	43k
IV	Fethiye	60k
IV	Bodrum	39k
IV	Didim	26k

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us7000adt#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000adt